

### ABSTRACT

The present invention provides a hydraulic composite material endowed with multiple functions such as a photocatalytic function, and a method for production thereof, and relates to hydraulic a composite material having a substance-adsorbing function, humidity-adjusting function, and/or photocatalytic function, the material being characterized in that calcium silicate cement or a calcium phosphate cement is deposited as a hydraulic material on a suitable substrate in the presence of water so as to be hardened and to thereby cause the cement to solidify, be fixed, and self-adhere to the application surface; and also relates to a method for producing a hydraulic composite material characterized in that a suspension or solution containing the above hydraulic material is mixed with a photocatalyst.